

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-15 (Canceled).

Claim 16 (New): An electrical connection part for a fiberizing installation for delivering filaments, wherein the connection part is made of an electrically conducting material and having at least one contact surface, wherein the at least one contact surface is coated with gold.

Claim 17 (New): The electrical connection part as claimed in claim 16, wherein the connection part is entirely coated with gold.

Claim 18 (New): The electrical connection part as claimed in claim 16, wherein a thickness of the gold is around 5 μm .

Claim 19 (New): The electrical connection part as claimed in claim 16, wherein the gold has a purity of at least 97%.

Claim 20 (New): The electrical connection part as claimed in claim 16, wherein the gold is doped.

Claim 21 (New): The electrical connection part as claimed in claim 20, wherein the gold is doped with cobalt or nickel.

Claim 22 (New): The electrical connection part as claimed in claim 16, wherein the at least one contact surface has a hardness of at least 80 HV.

Claim 23 (New): The electrical connection part as claimed in claim 16, wherein the electrically conducting material of the connection part is copper or aluminum.

Claim 24 (New): An electrical connection device for a fiberizing installation for delivering filaments, comprising:

the electrical connection part as claimed in claim 16; and

a supply and connection part, also made of an electrically conducting material, the electrical connection part and supply and connection part cooperating by friction over two respective contact surfaces to ensure electrical connection between them.

Claim 25 (New): The device as claimed in claim 24, wherein the supply and connection part is entirely made of copper or aluminum.

Claim 26 (New): The device as claimed in claim 24, wherein the contact surface of the supply and connection part is covered with silver, tin, zinc, or gold.

Claim 27 (New): A fiberizing installation for delivering filaments, comprising:
a bushing from which the filaments are drawn, the bushing being heated by an electrical connection device as claimed in claim 24.

Claim 28 (New): The fiberizing installation as claimed in claim 27, wherein the electrical connection part includes a jaw mechanically connected to a terminal of the bushing,

wherein the jaw is made of copper and coated on at least its contact surface with gold, and the supply and connection part includes a stationary part made of copper or aluminum and maintained at a height for cooperating via its contact surface with the contact surface of the connection part.

Claim 29 (New): The fiberizing installation as claimed in claim 28, further comprising a bushing provided with at least two electrical connection terminals that are placed on each of the ends of the bushing.

Claim 30 (New): The fiberizing installation as claimed in claim 29, wherein the stationary supply and connection part has a geometry configured to bring into contact with its electrical contact surface plural contact surfaces of a plurality of respective jaws, each jaw being electrically and mechanically connected to one of the multiple connection terminals respectively of one end of the bushing.